

FIG. 2



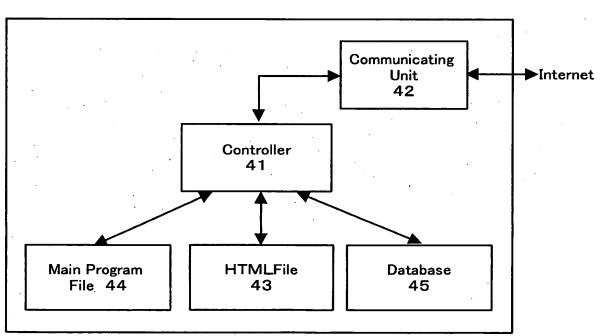


FIG. 3

## Network Terminal 10

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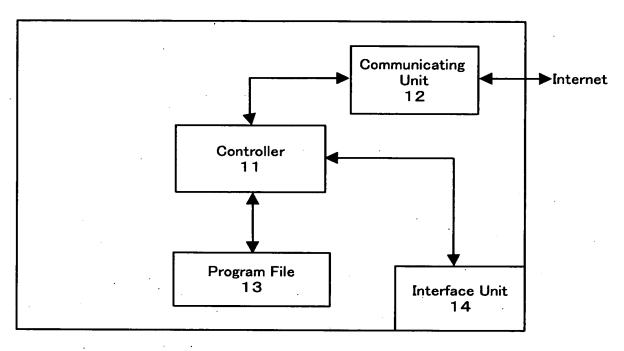


FIG. 4A Machine Table

MID	serial	hardtype	subscriberID	~
3258288732	\$000001	F90000IA	1237567	
3666777888	S000010	F90000IA	9234567	
~	~	~	<b>~</b>	

FIG. 4B Subscriber Table

subscriberID	affinityID	chargetype	~
1234567	af0	normal	~
7234567	af10	normal	
9234567	af3	normal	
~	~	~	

FIG. 4C AffinityTable

affinity ID	vam1	vam1- rate	vam2	vam2- rate	vam3	vam3- rate	vam4	vam4- rate
af0	ISP1	1.00	null	null	null	null	null	null
af1	ISP1	0.67	ASP1	0.33	null	null	null	null.
af10	ISP2	1.00	1	null	null	null	null	null
af2	ISP1	0.50	ASP1	0.25	ASP2	0.25	null	null
af3	ISP1	0.43	ASP1	0.21	ASP2	0.21	ASP3	0.15

FIG. 4D VAMTable

VAM-ID	name	~
ASP1	O∆□Securities	
ASP2	OOStore	~
ASP3	O × Bank	
ISP1	Internet Provider1	
ISP2	Internet Provider2	
~	~	

## FIG. 5

Affinity Change Table

7 4 157 - 7.1. 150 - 12.10								
affinity	vam1	vam1	vam2	vam2	vam3	vam3	vam4	vam4
change		backrate		backrate		backrate	l	backrate
af0toaf1	ISP1	0.33	ASP1	-0.33	null	null	null	null
af1toaf2	ISP1	0.17	ASP1	0.08	A002	-0.25	null	null
af2toaf3	ISP2	0.07	ASP1	0.04	A002	0.04	A003	-0.15

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## FIG. 6

Affinity change	Unit number	ISP1 calculation	ASP1calculation	ASP2 calculation	ASP3 calculation
af0	2,500	0	0	0	0
af0toaf1	7,500	7,500 ×¥30000 × (1.00-0.67)	−7,500 ×¥30000 ×0.33	0	0
af1toaf2	5,000	5,000 ×¥30000 × (0.67-0.50)	5,000 ×¥30000 × (0.33–0.25)	-5,000 ×¥30000 ×0.25	0
af2toaf3	2,500	2,500 ×¥30000 × (0.50-0.43)	2,500 ×¥30000 × (0.25–0.21)	2,500 ×¥30000 × (0.25–0.21)	-2,500 ×¥30000 ×0.15

FIG. 7 **Network Terminal** (subscriberid=1234567) Support Server Overwriting affinity of subscriber ID=1234567 from af0 to af1 in subscriber table **S10** Subscriberid Affinityid Chargetype 1234567 <del>af0</del> →af1 normal MID=3258288732 subscriberid=1234567 affinityid\_C=af0 **S11** Post Request Comparing affinityid of **S12** subscriber ID=1234567 with affinityid in post request **S13** Yes affinityid=affinityid\_C? MID=3258288732 subscriberid=1234567 No affinityid=af1 data1:HTML\_af1 data2:plugin\_program1 Post Response **S14** MID=3258288732 subscriberid=1234567 affinityid=af0 data1:HTML\_af0 Post Response S15 Confirming MID, subscriberid Setting affinity\_C=affinityid Displaying HTMLpage(initial **S16** screen)in data 1 ·Storing data 2 in case data 2 downloaded

FIG. 8

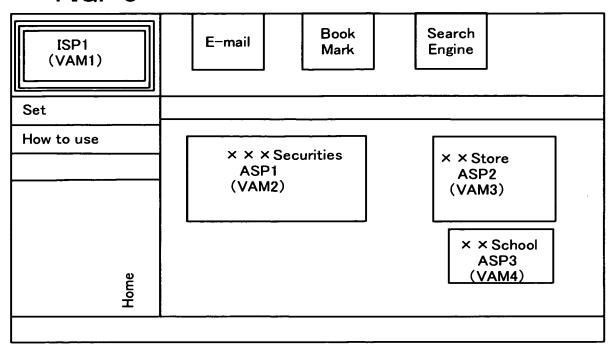


FIG. 9

subscriberid	affinitychange	date	~
1234567	af0toaf1	00/01/01	~
1234567	af1toaf2	00/04/07	
1234567	af2toaf3	00/12/25	
9234567	af2toaf3	00/12/25	
~	~	~	

Document

-----vam1\_charge

26-Dec-00

name:ISP1 date:00/01/01 Number of change:1 Amount of money:¥10,000

name:ISP1 date:00/04/07 Number of change:1 Amount of money:¥5,000

name:ISP1 date:00/12/25 Number of change:2 Amount of money:¥4,200

FIG. 11 **Network Terminal** (subscriberid=1234567) Support Server Subscriber table Subscriberid Affinityid Chargetype 1234567 af0 normal **S20** ~ Affinity table MID=3258288732 subscriberid=1234567 Affinitychange Card Vam 1 affinityid\_C=af1 1234567 10001 yes Card\_flag=yes Post Request S21 Checking affinityid, affinityid **S22** change and Card of subscriberid=1234567 in DB **S23** Change affinityid to No \_affinityid\_C in smart MID=3258288732 card is permitted? subscriberid=1234567 affinityid=af1 Yes data1:HTML\_af1 data2:plugin\_program1 Post Response affinityid=affinityid\_C **S24** MID=3258288732 S25 subscriberid=1234567 affinityid=af0 data1:HTML\_af0 Post Response **S26**  Confirming MID, subscriberid Setting affinity\_C=affinityid Displaying HTMLpage(initial **S27** screen)in data 1 Storing data 2 in case data 2 downloaded

FIG. 12

